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1857, Royal Society of Sciences, Göttingen, April 18, 1857, K. L. C. Akademie der Naturforscher, Breslau, May 4, 1857, Société Imperiale des Naturalistes de Moscou, Moscow, March 22, 1857, and the Academy of Natural Sciences of Philadelphia, June 19, 1857, acknowledging the receipt of the Academy's publications; from the Société de Géographie à Paris, February 7, 1857, and the Academy of Natural Sciences, Philadelphia, June 19, 1857, acknowledging the same, and requesting that missing parts may be supplied; from the Kaiserlich-Königliche Geologische Reichsanstalt, Wien, January 1, 1857, and the Société Royale des Sciences à Upsal, presenting their publications; from the Superintendent of the Geological Survey of India, &c., January, 1857, presenting the Memoirs of the Survey, and requesting an exchange; from the Verein für Naturkunde im Herzogthum, Nassau, May 1, 1857, presenting its transactions, and asking an exchange; and the Comet Circular of July 28, 1857, from Dr. C. H. F. Peters, at Albany, N. Y.

Dr. Charles T. Jackson made some statements concerning the various kinds of marble now being used in the government buildings at Washington, and incidentally spoke of the chemical action in different kinds of lime and cement.

Dr. Weinland spoke of the lime in use in Hayti, as entirely made from the shells of *Strombus gigas*.

Professor Felton announced to the Academy the organization of an Academy of Arts and Sciences at Athens.

The requisite quorum for the transaction of the proper business of a stated meeting not being present, on motion of Professor Treadwell, it was voted that the next regular meeting be an adjournment of the present one.

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**Four hundred and forty-second meeting.**

September 8, 1857. — ADJOURNED STATED MEETING.

Professor Treadwell, Vice-President, in the chair.

Professor Guyot addressed the Academy at considerable

length upon the general geographical features of New England, showing the influence they had exerted in fixing the successive settlements of this part of the country. He proposed to treat the subject more fully in a Memoir to be laid before the Academy.

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**Four hundred and forty-third meeting.**

October 13, 1857. — MONTHLY MEETING.

The PRESIDENT in the chair.

The Corresponding Secretary read the following letters, viz.:—From the Académie Royale des Sciences, &c. de Belgique, January 15, 1856, and February 7, 1857, the Academy of Science of St. Louis, August 24, 1857, and the American Philosophical Society, September 10, 1857, acknowledging the receipt of the Academy's publications; from the Academy of Natural Sciences, July 7, 1857, acknowledging the same, and asking that missing numbers may be supplied; and from the Académie Royale des Sciences, Turin, May 15, 1857, acknowledging the same, and presenting its own publications.

Professor Lovering said, that, at a former meeting, — in making some remarks on the question, whether the Mississippi River flows up hill, — he alluded to a criticism of President Horace Mann (published in the Common School Journal) upon those who attributed the direction of the flow of this river to centrifugal force. Mr. Lovering had since learned from Mr. Mann that he recalled his opinion in the same Journal two years afterward. If Mr. Lovering had known this fact at the time he should not have alluded to the unsound criticism; and he wished now to give Mr. Mann the benefit of having recanted most fully his former error, before he himself took notice of the subject.

Dr. Weinland gave an account of a recent visit to the island of Hayti. He mentioned many interesting facts concerning the influence of the prevailing winds upon the